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TITLE

REMEDY FOR NEPHRITIS

ABSTRACT:

PURPOSE: To obtain a remedy for nephritis having excellent remedying effect against nephritis and exhibiting little side effect by using an acidic heteropolysaccharide produced by the tissue culture of a plant as an active component.

CONSTITUTION: The objective agent is produced by using an acidic heteropolysaccharide secreted from the cell of a callus induced from a plant of genus Polianthes (e.g. tuberose) as an active component, properly mixing with a pharmacologically allowable additive and forming in the form of medicine by conventional method. The acidic heteropolysaccharide contains arabinose, mannose, galactose, glucuronic acid and xylose as constituent sugars and the bonding patterns and the constitution ratios of the sugars are shown in the formula. The molecular weight of the polysaccharide is 1×10⁴ to 2×10⁷. It can be used as injection, tablet, powder, granule, capsule, etc., and is administered at rate of 1-20mg for injection and 10-200mg for oral administration for male adult per week.

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